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E-24 (Revised to September 15, 1917.)

PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF ENTOMOLOGY.

# BULLETINS, NEW SERIES:

85. (Part II) Slender seed corn ground beetle.
(Part III) Clover-root curculio.
(Part VI) Contributions to acknowledge of corn root-aphis. 1910.

95. (Part II) The maize billbug.

125. Flordia fern caterpillar. 1913.

## CIRCULARS, 2D SERIES:

50. White ant. 1902.

80. Melon aphis.

101. Apple maggot or railroad worm, 1908.

131. How to control pear thrips. 1911.

150. Red spider on cotton. 1912.

158. Clover mite 1912.

168. Spraying for white flies in Flordia. 1913.

173. Arsenate of lead as insecticide against tobacco hornworms. 1913.

#### DEPARTMENT BULLETINS:

- 8. The western corn root-worm. 1913.
- 15. A sealed paper carton to protect cereals from insect attack.
- 100. Walnut aphides in California.
- 111. The Sequoia moth a menace to pine in western Montana.
- 112. The oat aphis.
- 124. The alfalfa caterpillar.
- 134. Citrus fruit insects in Mediterranean countries.
- 160. Cactus solution as an adhesive in arsenical sprays for insects.
- 161. The Mediterranean fruit fly in Bermuda.

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- 165. Quassiin as a contact insecticide.
- 170. The European pine-shoot moth.
- 173. The pear thrips.
- 184. Huisache girdler.
- 189. Studies on the codling moth in the central Appalachian region.
- 192. Insects which attack vegetable crops in Porto Rico.
- 233. Relations of the Arizona wild cotton weevil to cotton planting in the arid West.
- 243. Cone-beetles injuring sugar pine, etc.
- 245. Further experiments in destruction of fly larvae in horse manure.
- 264. Violet rove beetle.
- 295. Zimmerman pine moth.
- 329. Notes on North American buffalo gnats of genus Simulium.
- 344. Studies on biology of Arizona wild cotton weevil.
- 358. Studies of the Mexican boll weevil in Mississippi Valley.
- 377. Argentine ant.
- 382. Cotton boll weevil control in the Mississippi delta.
- 416. The red spider on cotton.
- 429. Life history of codling moth in Pecos Valley.
- 443. The New Mexico range caterpillar and its control.
- 535. The horse-radish flea-beetle.
- 536. The Mediterranean fruit fly in Hawaii. (In press.)
- 539. The lesser corn stalk=borer.
- 550. Control of the grape berry-moth in the Erie-Chautauqua grape belt.
- 553. The chicken mite.
- 554. The cranberry girdler. (In press)
- 564. Collection of weevils and infested squares as a means of control of the cotton-boll weevil in the Mississippi delta. (In press.)
- 571. The pecan-leaf case-bearer. (In press.)

### FARMERS' BULLETINS:

- 127. Important insecticides.
- 440. Spraying peaches for control of brown-rot, scab, and curculio.
- 442. Treatment of bee diseases.
- 444. Remedies and preventives against mosquitoes.
- 447. Bees.
- 450. Some facts about malaria.

- 463. The sanitary privy.
- 492. The more important insect and fungous enemies of the fruit and foliage of the apple.
- 503. Comb honey.
- 540. The stable fly.
- 543. The common white grubs.
- 595. Arsenate of lead as an insecticide against the tobacco hornworms in the dark tobacco district.
- 606. Collection and preservation of insects and other material for use in the study of agriculture.
- 626. The carpet beetle or "buffalo moth."
- 627. The house centipede.
- 636. Chalcis fly in alfalfa seed.
- 637. The grasshopper problem and alfalfa culture.
- 640. The Hessian fly.
- 650. San Jose scale and its control.
- 657. Chinch bug.
- 658. Cockroaches.
- 659. The true clothes moths.
- 662. The apple-tree tent caterpillar.
- 668. The squash-vine borer.
- 671. Harvest mites or chiggers.
- 674. Control of citrus thrips in California and Arizona.
- 675. Round-headed apple-tree borer.
- 681. Silverfish.
- 683. Fleas as pests to man and animals, with suggestions for their control.
- 691. Grasshoppers and their control on sugar beets and truck crops.
- 695. Out-door wintering of bees.
- 699. Hydrocyanic-acid gas against household insects.
- 701. The bagworm, an injurious shade-tree insect.
- 705. The catalpa sphinx.
- 708. The leopard moth; a dangerous imported insect enemy of shade trees.
- 721. The rose-chafer.
- 722. The leaf blister mite of pear and apple.
- 723. The oyster-shell scale and the scurfy-scale.
- 725. Wireworms destructive to cereal and forage crops.
- 731. True army worm and its control.
- 733. The corn and cotton wireworm in its relation to cereal and forage crops, with control measures.
- 734. Flytraps and their operations.

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- 735. Red spider on cotton and control.
- 737. The clover leafhopper and its control in the Central States.
- 739. Cutworms and their control in corn and other cereal crops.
- 740. House ants: Kinds and methods of control.
- 741. The alfalfa weevil and methods of controlling it.
- 747. Grasshoppers and their control with relation to cereal and forage crops.
- 752. The farm army worm or "grass worm" and its control.
- 754. The bedbug.
- 759. White ants as pests in United States and methods of preventing their damage.
- 762. The false chinch bug and measures for controlling it.
- 763. Orchard bark beetles and pinhole borers and how to control them.
- 766. The common cabbage worm.
- 778. Powder-post damage seasoned hardwood products caused by Lyctus beetles.
- 789. Mushroom pests and how to control them.
- 799. Carbon disulphid as an insecticide.
- 801. Mites and lice affecting poultry.
- 804. Aphids injurious to orchard fruits, current gooseberry and grape.
- 819. The tobacco budworm and its control.
- 831. The red spider on cotton and how to control it.
- 835. How to detect outbreaks of insect and save the grain crop.
- 837. The asparagus beetles and their control, (In press.)
- 843. Important pecan insects and their control. (In press.)
- 845. The gipsy moth and brown-tail moth and their control. (In press.)
- 846. The tobacco beetle and how to prevent loss from it. (In press.)
- 848. The boll-weevil problem,
- 851. House flies. (In press.)
- 856. Control of diseases and insect enemies of the home vegetable garden. (In press.)
- 857. Screw-worms and other maggots affecting animals. (In press.)
- 860. Cranberry insect problems and suggestions for solving them. (In press.)
- 862. Control of the citrus mealybug in California.
- 867. Tobacco hornworm insecticide.
- 868. Increasing the potato crop by spraying
- 872. The bollworm or corn earworm. (In press.)
- 875. The rough-headed corn stalk-beetle. (In press.)
- 880. Fumigation of ornamental greenhouse plants with hyrdocyanic-acid gas. (In press.)
- 890. How insects affect the cotton plant and means of combating them. (In press.)
- 891. The corn root-aphis and methods of controlling it. (In press.)
- 897. Fleas. (In press.)
- 902. The silverfish: an injurious household insect. (In press.)

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